

Claim 34 (Proposed): An isolated polynucleotide comprising
a polynucleotide selected from the group consisting of:

- a) a polynucleotide which encodes a polypeptide which is at least 90% identical to the amino acid sequence of SEQ ID No. 2, and
- b) a polynucleotide that encodes a polypeptide which has methylene tetrahydrofolate reductase activity, wherein said polynucleotide which encodes a fragment of a polypeptide which is at least 90% identical to a fragment of SEQ ID No: 2 and which has methylene tetrahydrofolate reductase activity;

~~wherein said isolated polynucleotide encodes a polypeptide having methylene tetrahydrofolate reductase activity.~~